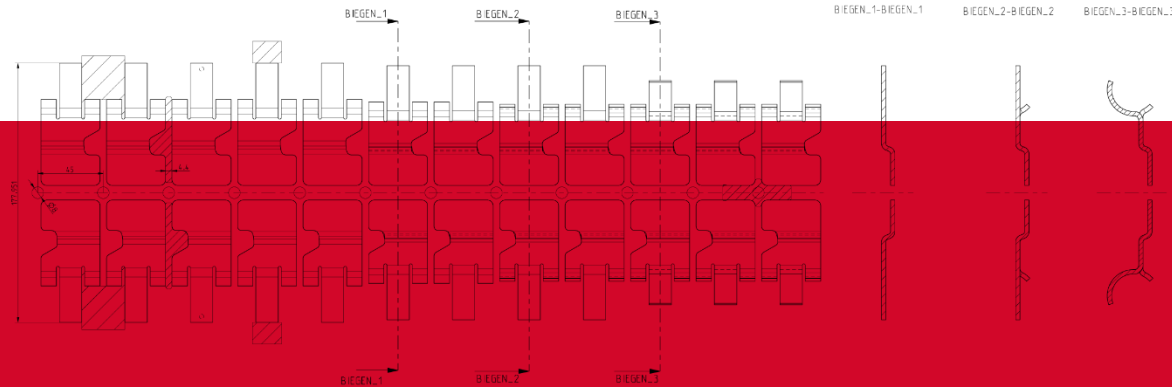
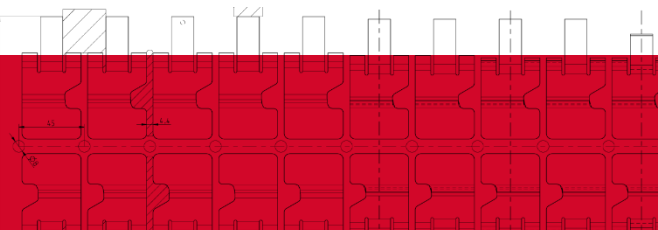


PRECISION IN TOOL AND MOLD CONSTRUCTION



INTRODUCTION DATES AND FACTS

- founded in 2010
- number of employees: 95
- location: Liptovský Mikuláš, Slovakia
- production area: 3.000 qm
- turnover 2021 / 2022: € 4,40 million / € 4,55 million
- planned turnover 2023: € 5 million



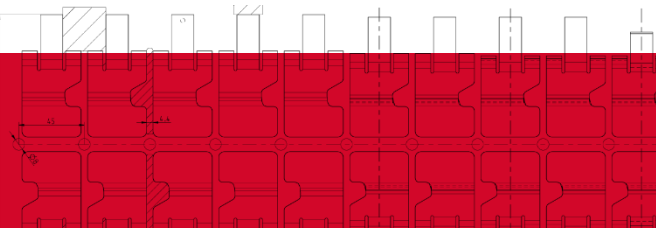
MEMBER OF THE INTERSTUHL GROUP



- family business founded in 1961
- location: Messtetten-Tieringen, Germany
- one of the leading companies in the development and manufacturing of office and industrial furniture in Europe

Facts about Interstuhl Group in 2022:

- number of employees: 1.000
- turnover: € 201,50 million
- Export share: 40%



OWNER INTERSTUHL BÜROMÖBEL



- Helmut and Joachim Link,
CEO

QUALITY MANAGEMENT WE SUPPLY QUALITY!



Our policy ist:

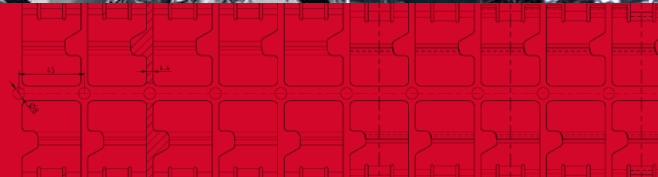
- To fulfill and exceed customer expectations
- To join and support the development of solutions
- To work constantly on improving of our quality philosophy
- To analyse mistakes and claims
- To conduct regular quality circles
- To let the customer and employee feedback flow into the processes on an ongoing basis



WHAT CAN WE ACHIEVE? OUR CORE COMPETENCE

Order-related production:

- Machining (milling and turning), grinding, pressing, welding and assembly
- Small to medium
- Production and assembly of welding jigs and pressing tools
- Foam moulds manufacturing
- Production of devices according to drawing specifications

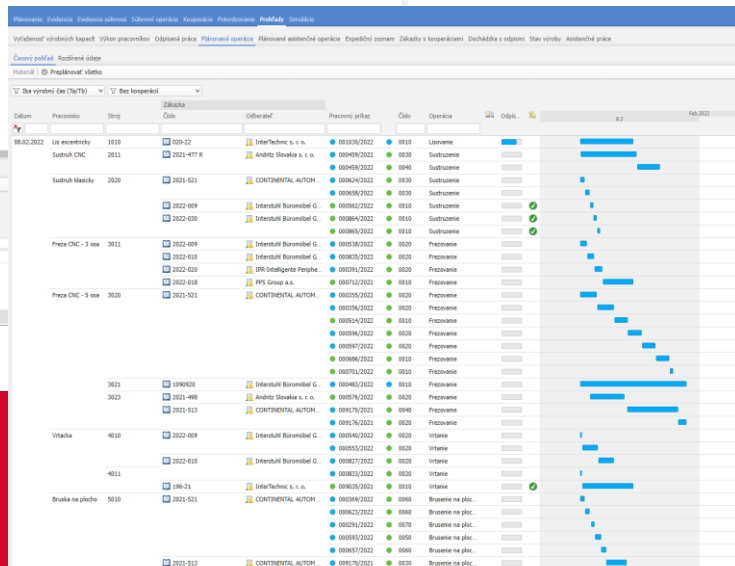


WHAT CAN WE ACHIEVE? OUR CORE COMPETENCE

Design services

- If necessary, the company offers the preparation of a design drafts and after its release by the customer also ensures production documents completion.
- Siemens NX – CAD-CAM

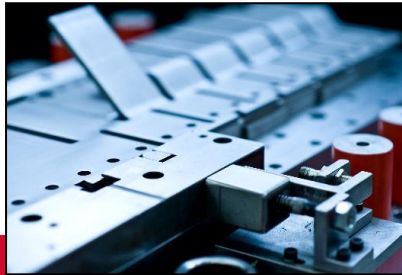
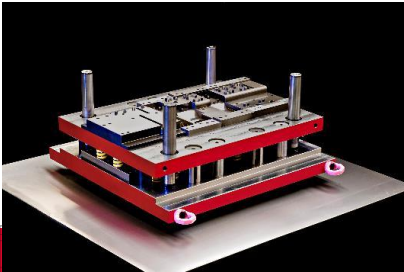
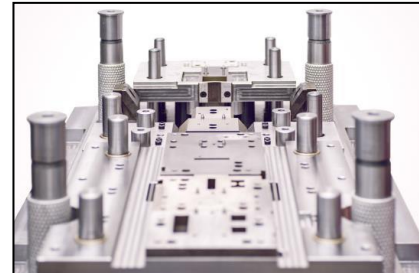
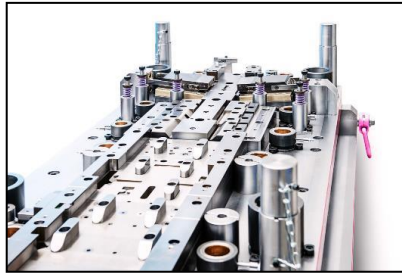
ERP SYSTEM



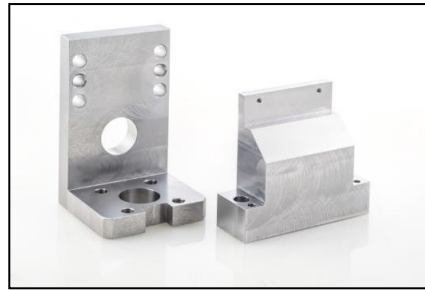
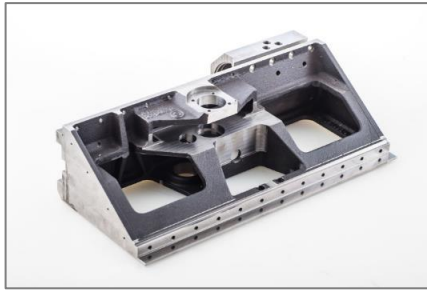
- Production planning
- Production management
- Stock management



DEVICES AND TOOLS



SERIES PRODUCTION

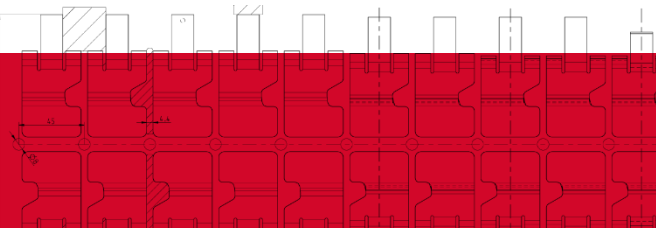


REFERENCES

Different foreign and Slovak customer from following industries:

- Automotive industry
- Food industry
- Electro-technical industry
- Mechanical engineering industry
- Furniture industry
- Machines for pharma industry

80% of turnover comes from strategical markets in Germany, Switzerland and Austria

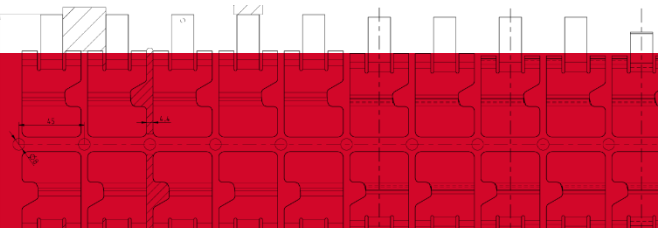


WHAT CAN WE DO FOR YOU?



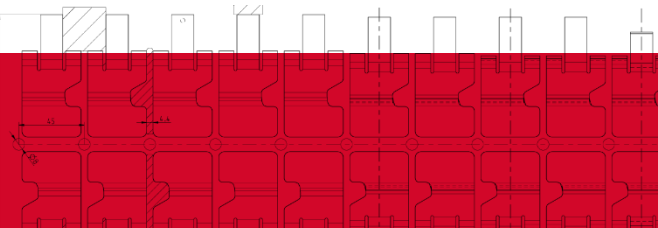
OUR MACHINERY PARK

- HURCO VTX Ui – 5-axis machining centre
- HERMLE C42 – 5-axis machining centre
- HERMLE B 300 U – 5-axis machining centre
- DMG DMU 50 eco – 5-axis machining centre
- DMG DMC 1450 V – 3-axis machining centre
- DMG DMC 1035 eco – 4-axis machining centre
- DMG CTX 510 eco - CNC lathe with driven tools
- Carl Zeiss 3D measuring device



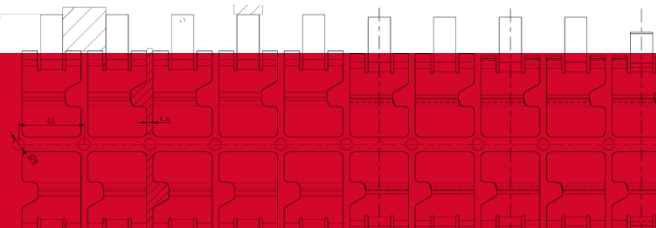
OUR MACHINERY PARK

- FANUC ROBOCUT Alpha 1-iE – wire eroding machine
- Start hole eroding machine HUBE RIVER 350
- Schuler Beutler Nova 1600 kN – press
- ABA FFU 1000/50 – surface grinding machine
- Cylindrical grinding machine TOS BU 25H-750
- Sunmaster RML 1640 - conventional lathe



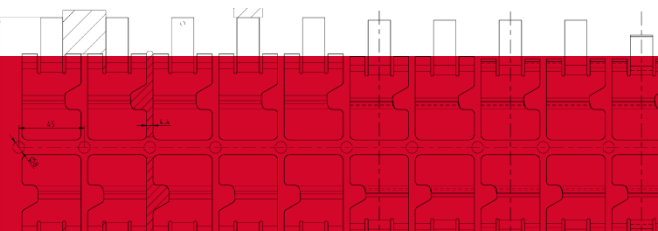
OUR MACHINERY PARK

- Knuth R60 - radial drilling machine
- Alzmetall AX 3SV - pillar drilling rig
- Alzmetall Alztronic 14 – bench drill
- Kläger HBS 265 – semi-automatic band saw
- MOTOMAN SK16-MRC - welding robot
- Siemens NX - CAD-CAM



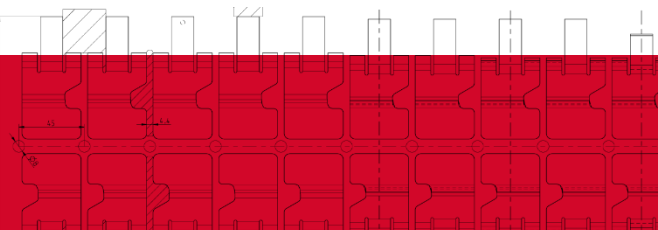
HURCO VTX UI

- Manufacturer: HURCO
- 5-axis machining centre
- Control: Winmax 5 GEN
- Parameters:
 - working range : 800 , Y=7 00 , Z=510 mm
 - speed range : max. 12.,000 U./



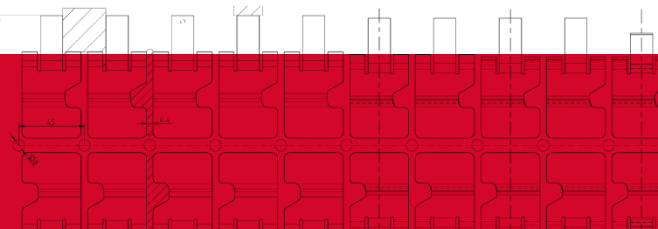
HERMLE C 42

- Manufacturer: BERTHOLD HERMLE AG
- 5-axis machining centre
- Control: Heidenhein iTNC 530
- Parameters::
 - working range : X = 800, Y = 800, Z = 550 mm
 - swivel rotary table : Ø 800 mm
 - speed range : max. 18,000 U./min.
 - number of tools: 42



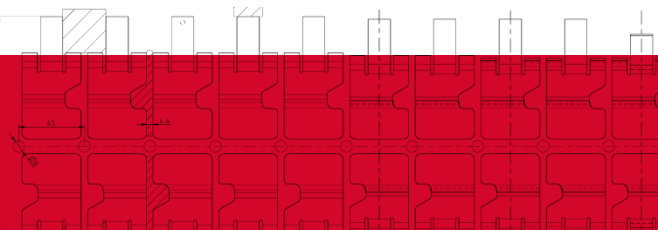
HERMLE 300 U

- Manufacturer: BERTHOLD HERMLE AG
- 5-axis machining centre
- Control: Heidenhein iTNC 530
- Parameter:
 - working range : X = 800, Y = 600, Z = 500 mm
 - swivel rotary table: Ø 280 mm
 - speed range: max. 15.000 U./Min.
 - number of tools: 30



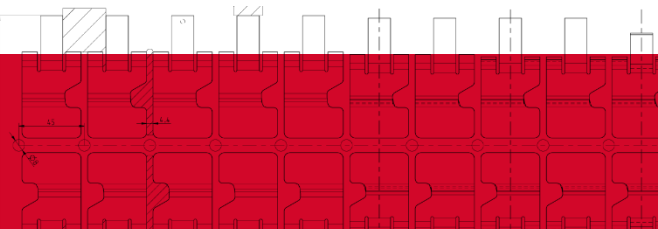
DMG DMU 50 ECO / 2 PCS

- Manufacturer: Deckel Maho Gildemeister
- 5-axis machining center
- Control: Siemens Sinumerick 810D
- Parameters:
 - working range: X=500, Y=450, Z=400 mm
 - speed range: 20-8.000 U./min
 - number of tools: 16



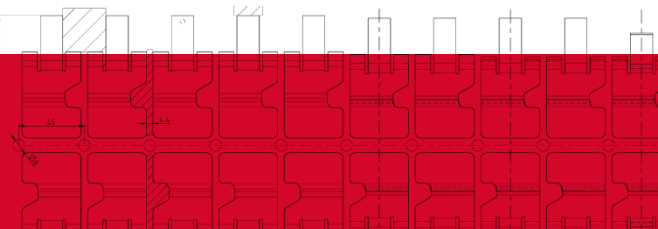
DMG DMC 1450V

- Manufacturer: DMG MORI
- 3-axis machining centre
- Control: Heidenhein iTNC 640
- Parameters:
 - working range: X=1.450, Y=700, Z=550 mm
 - table dimensions: 1.700 x 750 mm
 - speed range: 18.000 U./min
 - number of tools: 60



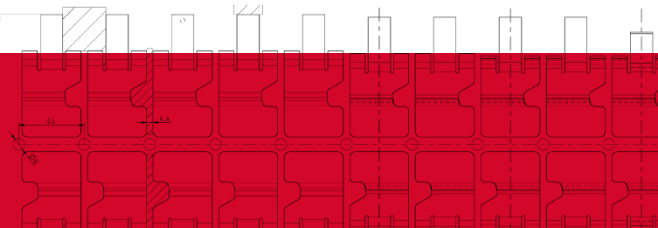
DMG DMC 1035 ECO NEW DESIGN

- Manufacturer: Deckel Maho Gildemeister
- 4-axis machining centre
- Control: Siemens Sinumerick 840D
- Parameters:
 - working range :: X=1.035, Y=560, Z=510 mm
 - table dimensions: 1.200 x 560 mm
 - speed range: 20-8.000 U./min
 - number of tools: 30



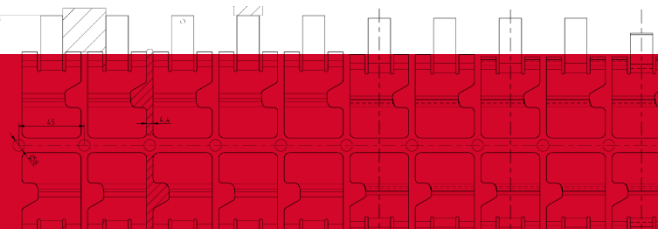
DMG CTX 510 ECO NEW DESIGN

- Manufacturer: Deckel MahoGildemeister
- CNC turning centre
- Control: Siemens Sinumerick 840D
- Parameters:
 - max. swivel range over bed: 680 mm
 - max. swivel range via X slide: 465 mm
 - max. turning diameter: 465 mm
 - max. Speed: 3.250 U./min
 - number of tools: 12 / 6
 - driven tools



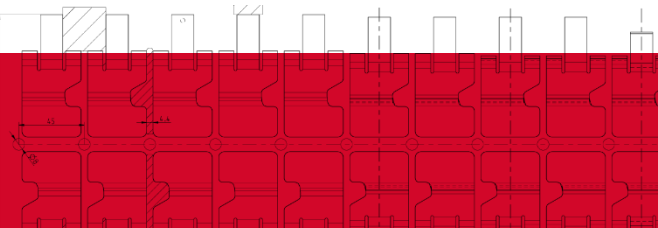
DMG CTX 310 ECO

- Manufacturer: Deckel MahoGildemeister
- CNC turning centre
- Control: Siemens Sinumerick 840D
- Parameters:
 - max. swivel range over bed: 330 mm
 - max. swivel range via X slide: 260 mm
 - max. turning diameter: 200 mm
 - max. speed: 4.500 U./min
 - number of tools: 12 / 6
 - driven tools



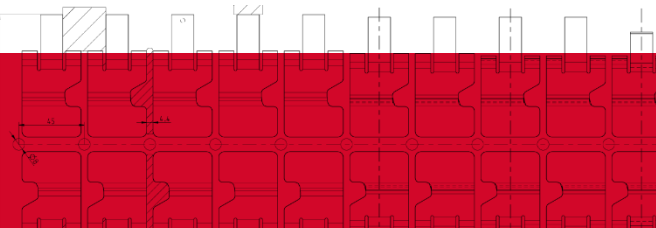
PRESS SCHULER BEUTLER NOVA

- Manufacturer: Schuler Beutler Nova
- Parameters:
 - max. pressing force: 1.600 kN
 - control: Dataplug 200
 - table dimensions: 1.250 x 750 mm
 - ram dimension: 850 x 600 mm
 - max. Tool height: 440 mm
 - hole diameter in the table: Ø 165 mm



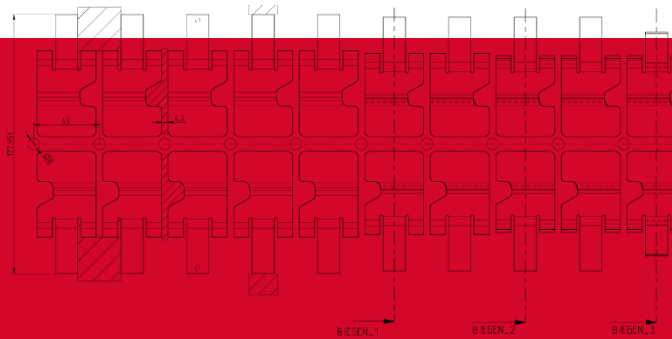
FANUC ALPHA 1 -IE / 2 ST.

- Manufacturer: FANUC
- Wire EDM
- Parameters:
 - max. workpiece size: 1050 x 820 x 300 mm: 1050 x 820 x 300 mm
 - max. workpiece weight: 1000 kg: 1000 kg
 - travels X/Y/Z: 600 x 400 x 310 mm
 - max. Cone: $\pm 30^\circ/150$ mm



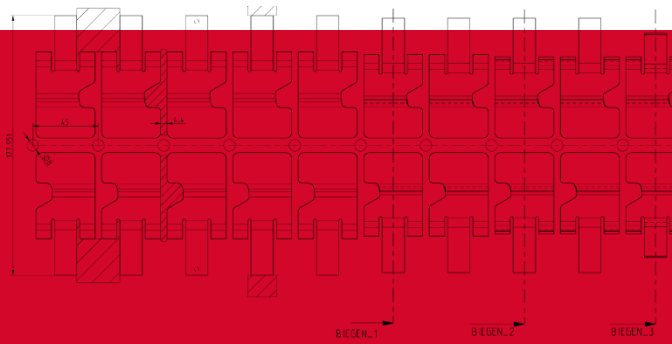
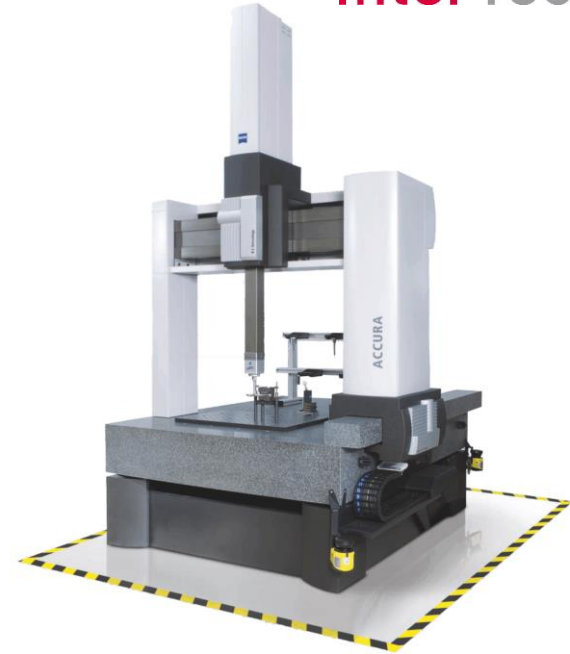
MOTOMAN YASKAWA SK 16-MRC

- Manufacturer: MOTOMAN YASKAWA
- Welding robot
- Parameters:
 - 2-station rotary tables with tilt and turn units 6 axes
 - capacity 2500 N, faceplates 600 mm diameter
 - number of axes: 12
 - repeat accuracy: 0.1 mm
 - simultaneously movable
 - speed of up to 90 m / min
 - welding process: TIG, MAG

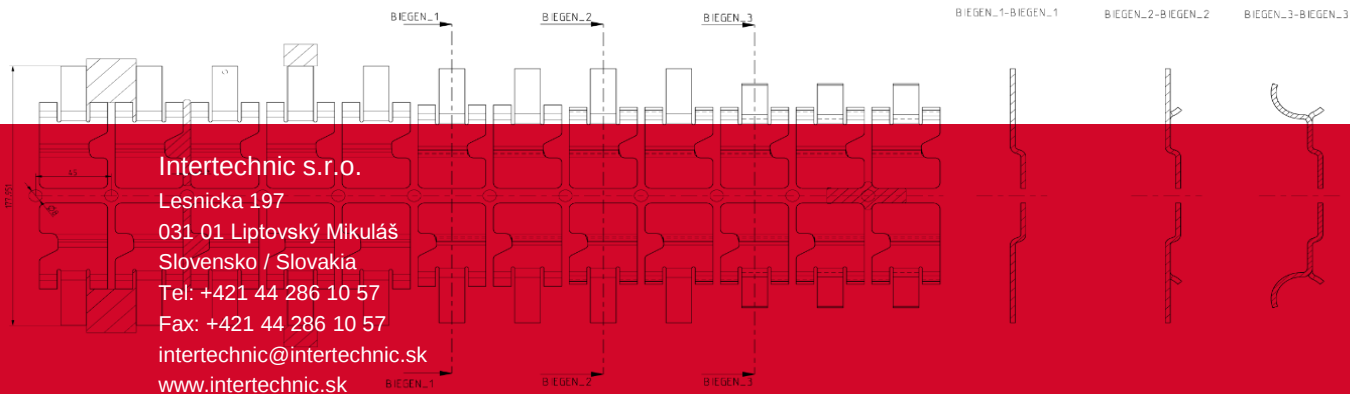


3D MEASURING DEVICE

- Manufacturer: Carl Zeiss
- Type: ACCURA VAST XT gold
- Software: CALYPSO
- Scanning measuring head Vast XT gold
 - working range: X=900, Y=1200, Z=800 mm



THANK YOU FOR YOUR ATTENTION



WHAT CAN WE DO FOR YOU?

